

What is claimed is:

1. An apparatus for watching around a vehicle, the apparatus mounted thereon, the apparatus comprising:
  - an image pick-up unit for picking up an image on at least one of the front end portion, the left side and right side of the vehicle, the image pick-up unit fitted to an opening of a grille formed outside a vehicular radiator;
  - a display unit for displaying the image, the display unit provided in the vehicle;
  - a control unit for processing the image to control the movement of another vehicle; and
  - a warning unit coupled to the control unit and transmitting a warning signal to a user of another vehicle.
2. The apparatus as claimed in claim 1, wherein a cooling fan for cooling the radiator is provided inside the opening grille.
3. The apparatus as claimed in claim 1, the warning unit comprises at least one of a buzzer, voice generating unit, light generating unit, and radio wave generating unit.